1

11

81

## Contents Volume 128

## Volume 128, Nos. 1-2, December 1995

- A least-squares finite element method for incompressible flow in stress-velocity-pressure version
- C.L. Chang, S.Y. Yang and C.H. Hsu

  A time marching boundary element method for two-dimensional incompressible thermally
- coupled flows
  J. Su, B. Tabarrok and S. Dost
- The postbuckling performance of sandwich and composite shells with in-plane shear nonlinearity and unsymmetric layers
- J. Zhu
   Postbuckling of composite laminates under compressive load and temperature
- J. Argyris and L. Tenek 49
- Shell deformation states and the finite element method: A benchmark study of cylindrical shells

  J. Pitkäranta, Y. Leino, O. Ovaskainen and J. Piila
- Postbuckling analysis of thin plates by a hybrid Trefftz finite element method O.H. Oin 123
- On the control of pressure oscillation in bilinear-displacement constant-pressure element J.S. Chen, C. Pan and T.Y.P. Chang
- Fast Delaunay triangulation in three dimensions

  H. Borouchaki and S.H. Lo

  153
- Dynamic sensitivity analysis of frictional contact/impact response of axisymmetric composite structures

  L. Karaoğlan and A.K. Noor

  169
- A micro mechanical based constitutive model for finite element simulation of hot isostatic pressing of powder

  H.-A. Häggblad and W.-B. Li

  191

## Volume 128, Nos. 3-4, December 1995

- Cast filling simulations of thin-walled cavities

  Y.-F. Zhang, W.K. Liu and H.-P. Wang

  199
- An algorithm for permanent fluid-structure interaction in explicit transient dynamics
  F. Casadei and J.P. Halleux
  231

Contents Volume 128

Numerical analysis of two operator splitting methods for an hyperbolic system of conservation laws with stiff relaxation terms 291 E. Burman and L. Sainsaulieu Consistent tangent operator for plasticity models based on the plastic strain rate potential L. Szabó and J.J. Jonas 315 A Generalized Finite Element Method for solving the Helmholtz equation in two dimensions with minimal pollution 325 I. Babuška, F. Ihlenburg, E.T. Paik and S.A. Sauter Higher-order gradient post-processings for second-order elliptic problems A.F.D. Loula, F.A. Rochinha and M.A. Murad 361 An efficient DCOC algorithm based on high-quality approximations for the problems including eigenvalue constraints 383 M. Zhou A semi-analytical solution for laminated composite plates in Hamiltonian system 395 G. Zou and L. Tang Approximate optimal points for polynomial interpolation of real functions in an interval and in a triangle Q. Chen and I. Babuška 405 Non-linear multidisciplinary design optimization using system identification and optimal control theory K. Appa and J. Argyris 419 Announcement 433 Author Index Volume 128 435 Subject Index Volume 128 437 Instructions to Authors 443

445

